

Date Searched: 9/1/2006

Databases Searched: USPAT, USGPUB

Plurals: ON

Terms Searched:

- L1 width near5 (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing)
- L2 (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan\$4 or floor-plan\$4)
- L3 ((pin or terminal or "i/o" or "i/os" or pad or node) near10 (current)) same (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)
- L4 (pin or terminal or "i/o" or "i/os" or pad)
- L5 4 near10 (value or current or cost\$3 or weigh\$4 or number)
- L6 1 and 2 and 5 and 716/1-18.ccls.

Results: 60 hits

- L7 width near5 (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)
- L8 (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan\$4 or floor-plan\$4)
- L9 8 and 7
- L10 (pin or terminal or "i/o" or "i/os" or pad or node) same (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)
- L11 9 and 10 and @pd>20060817
- L12 716/1-18.ccls. and 11

Results: 3 hits

- L13 1 and 2 and 3 and 716/1-18.ccls and @pd>20060817

Results: 0 hit

Teig; Steven et al.	US 7096449 B1	USPAT 716/12
Siegel; Andrew et al.	US 7058913 B1	USPAT 716/10

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

- L1 width near5 (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing)
- L2 (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan\$4 or floor-plan\$4)
- L3 (pin or terminal or "i/o" or "i/os" or pad) near10 (value or current or cost\$3 or weigh\$4 or number)
- L4 1 and 2 and 3

Results: 0 hit

**\*\*Interference Search\*\***

Database Searched: USGPUB

Plurals: ON

Terms Searched:

- L1 ((width near5 (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing)) and ((gridless or ("no" near3 grid)) near10 (layout or placement or floorplan\$4 or floor-plan\$4)) and (((pin or terminal or "i/o" or "i/os" or pad or node) near10 (current)) same (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path))).clm.

Results: 0 hit

Date Searched: 8/17/2006

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 width near5 (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)

L2 (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan\$4 or floor-plan\$4)

L3 1 and 2

Results: 71 hits

L4 (pin or terminal or "i/o" or "i/os" or pad or node) same (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)

L5 3 and 4 and @pd>20060424

Results: 15 hits

L6 716/1-18.ccls. and 5

Results: 14 hits

L7 ((pin or terminal or "i/o" or "i/os" or pad or node) near10 (current)) same (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)

L8 3 and 7 and 716/1-18.ccls.

Results: 51 hits

Date Searched: 4/24/2006

Databases Searched: USPAT, USPGPUB

Plurals: ON

Terms Searched:

L1 width near5 (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)

L2 (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan\$4 or floor-plan\$4)

L3 1 and 2

Results: 71 hits

L4 (pin or terminal or "i/o" or "i/os" or pad or node) same (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)

L5 3 and 4

Results: 66 hits

L6 716/1-18.ccls. and 5

Results: 59 hits

US 20050240893 A1 US-PGPUB Teig, Steven et al. 716/13

US 6526555 B1 USPAT Teig; Steven et al. 716/11

US 6349403 B1 USPAT Dutta; Shiraj Robi et al. 716/12

US 5353235 A USPAT Do; Kieu-Huong et al. 716/14

US 4965739 A USPAT Ng; Charles H. 716/12

Databases Searched: EPO, JPO, IBM TDB, Derwent

Plurals: ON

Terms Searched:

L1 width near5 (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)

L2 (gridless or ("no" near3 grid)) near10 (layout or placement or floorplan\$4 or floor-plan\$4)

L3 (pin or terminal or "i/o" or "i/os" or pad or node) same (track or channel or wire or wiring or interconnect\$4 or connect\$4 or route or routing or path)

L4 1 and 2 and 3

Results: 0 hit

L5 (gridless or ("no" near3 grid))

L6 1 and 3 and 5

Results: 2 hits

JP 03262144 A  
US 5636129 A

JPO ITOU, MAKIKO  
DERWENT HER, O A

Database Searched: IEE/IEEE Xplore

Terms Searched: (width <near/5> (track or channel or wire or wiring or interconnect\* or connect\* or route or routing or path)) and ((gridless or ("no" <near/3> grid)) <near/10> (layout or placement or floorplan\* or floor-plan\*)) and (pin or terminal or "i/o" or "i/os" or pad or node)

Results: Your search matched 0 documents

Terms Searched: (width <near/5> (track or channel or wire or wiring or interconnect\* or connect\* or route or routing or path)) and (gridless or ("no" <near/3> grid)) and (pin or terminal or "i/o" or "i/os" or pad or node)

Results: Your search matched 4 of 1342376 documents